ARMED FORCES MEDICAL INTELLIGENCE CENTER

OVERVIEW

Armed Forces Medical Intelligence Center

Overall Classification of this Presentation is

Armed Forces Medical Intelligence Center

CHRISTINE MOSER

MAJ, Medical Service Corps, USA

Position:	**Environmental Health Intelligence Analyst**
	Epidemiology & Environmental Health
	Armed Forces Medical Intelligence Center
Experience:	**Chief, Environmental Health, Heidelberg, GE**
	Commander, 227th Med Det, FT Lewis, WA
	Platoon Leader, 423rd Med Co, FT Lewis, WA

Topics

- **AFMIC Overview**
- **Need for Medical Intelligence**
- **How to access AFMIC Products**

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Information vs. Medical Intelligence…

Medical Intelligence
What AFMIC Does and Does Not Provide

***DOES* Provide…**

- **Health Services Assessments**
- **Health Risk Assessments**
- **Trends & Forecasts**

***DOES NOT* Provide…**

- **Approved/Authorized Prophylaxis**
- **Recommended Medical Treatment Protocol**
- **Medical Policy**

AFMIC in Brief

- **Defense Intelligence Agency (DIA) Field Production Activity**
- **Mission: Provide Worldwide All-Source Medical Intelligence to the DoD**

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Staff Substantive Expertise

- Animal Science
- Bacteriology
- Biochemistry
- Bioenvironmental Engineering
- Biology
- Biomedical Engineering
- Biotechnology
- Chemical Enginee
- Chemistry
- Disaster Medicine
- Electrical Engineering
- Emergency Medicine
- Entomology
- Environmental Engineering
- Environmental Health
- Epidemiology
- Geography
- Health Care Administration
- Health Educati
- Health Physics
- Immunology
- Industrial Hygiene
- Mechanical Engineering
- Medical Logistics
- Medical Microbiology
- Medical Plans, Operations
- Medical Technology
- Molecular Biology
- Nuclear Engineering
- Nursing
- Occupational Health
- Parasitology
- Pathobiolog
- Preventive Medicine
- Psychology
- Public Health
- Radiation Biology
- Strategic Intelligence
- Toxicology
- Tropical Me ine
- Veterinary

Core Competencies

Analysis, Assessments, & Forecasts on

- **Military and civilian medical capabilities**
- **Infectious disease occurrences**
- **Environmental health risks**
- **Life sciences and biotechnology**

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Medical Capabilities

Military and Civilian Health Care Systems

- **Roles, Relationships, and Concept of Operations**
- **Treatment Quality and Availability**
- **Supporting Infrastructure/ Services**

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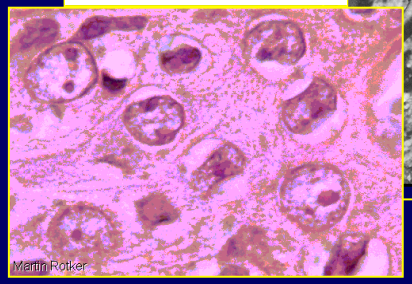
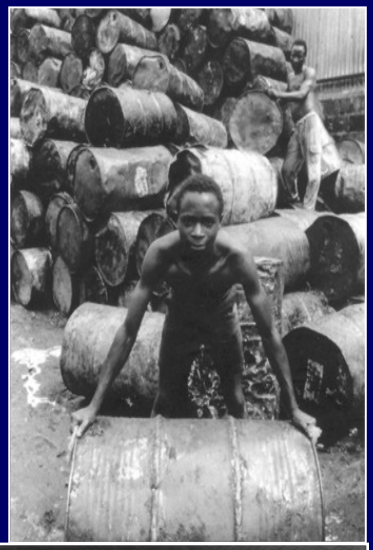
Epidemiology

- **Infectious disease risks that can degrade mission effectiveness of deployed forces**
- **Impact of worldwide infectious diseases/trends**
- **Endemic disease baselines**



Environmental Health

- **Environmental Risks That Can Degrade Force Health or Effectiveness:**
  - **Industrial Toxic Chemical/Radiation Accidents**
  - **Environmental Warfare/Terrorism**
  - **Hazardous Waste**



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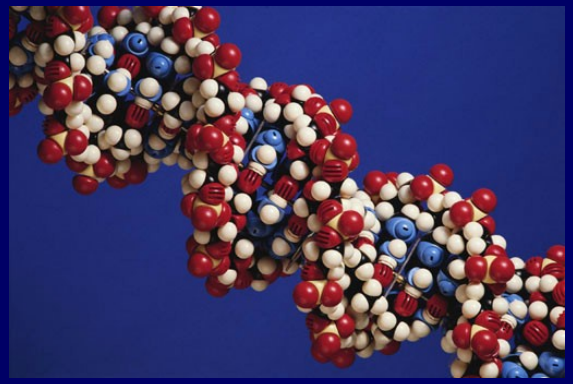
Life Science Technology



- **Biotechnology**
- **Pharmaceutical Industries**
- **NBC Medical Defense Technologies**

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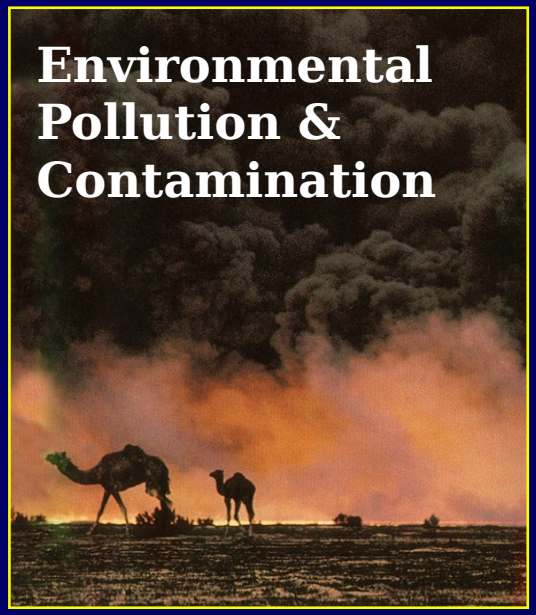
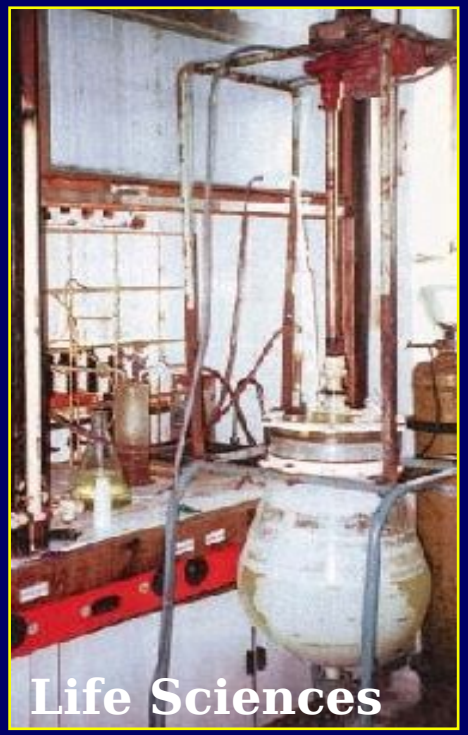
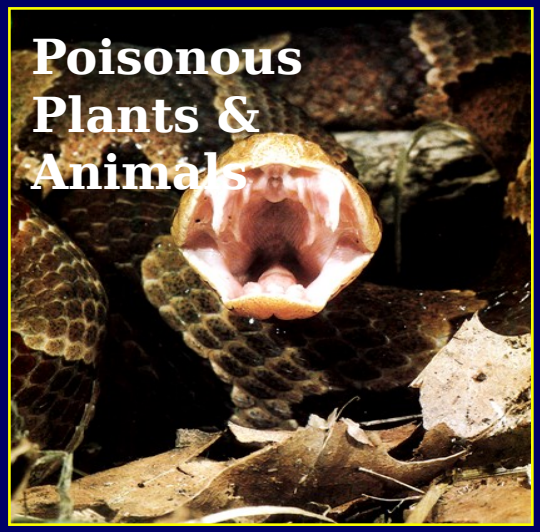


The Need:
HIGH QUALITY
MEDICAL
INTELLIGENCE





Evolving U.S. Military Paradigm

Worldwide Deployments

Limited Force Employment

Peacekeeping/Deterrence

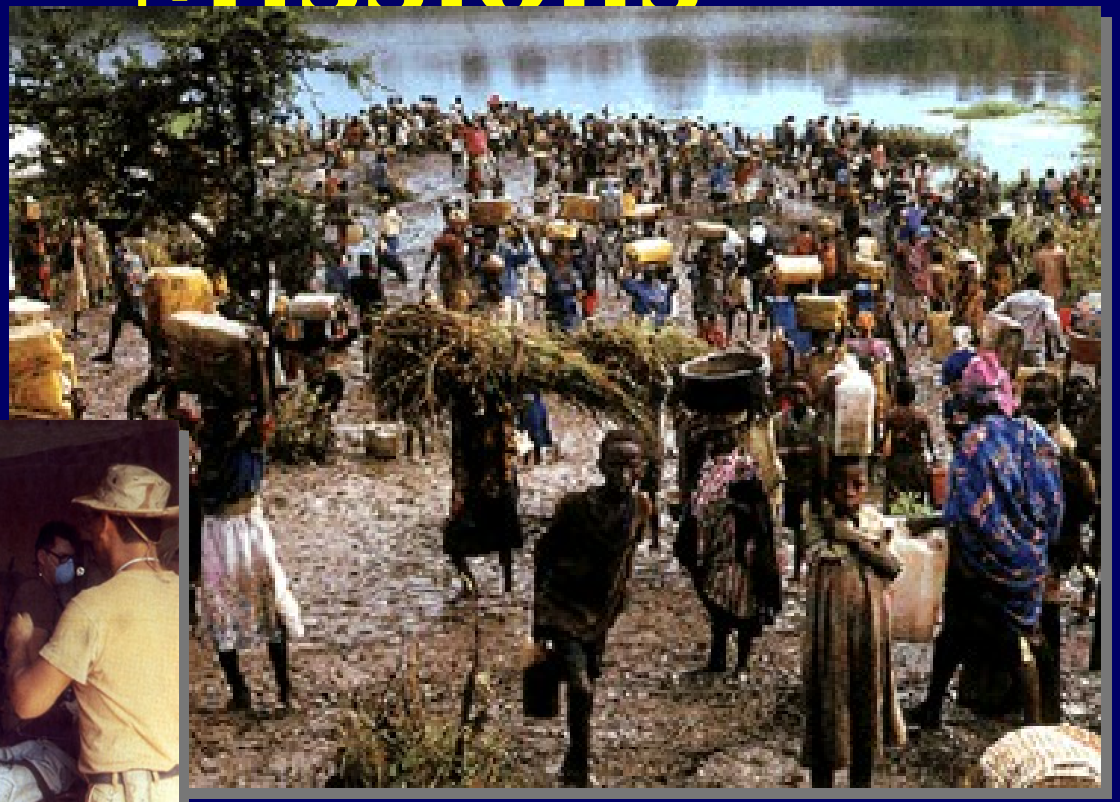
Multinational Coalitions

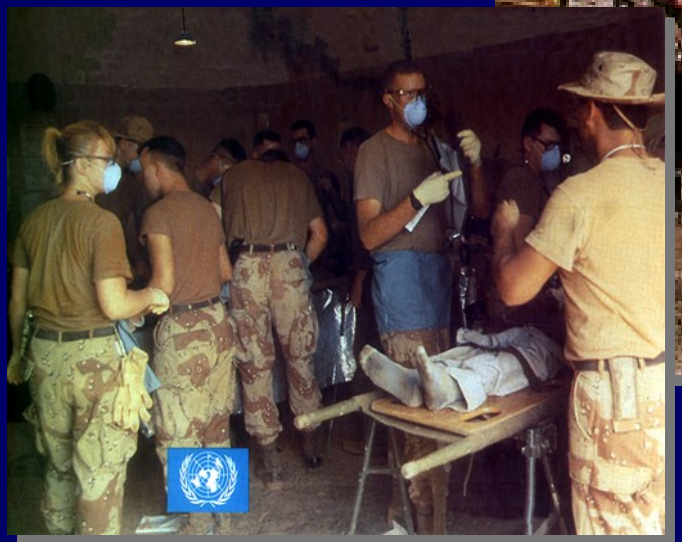
Peacemaking

Third World Deployment

Humanitarian Assistance

Expanded Roles and Missions





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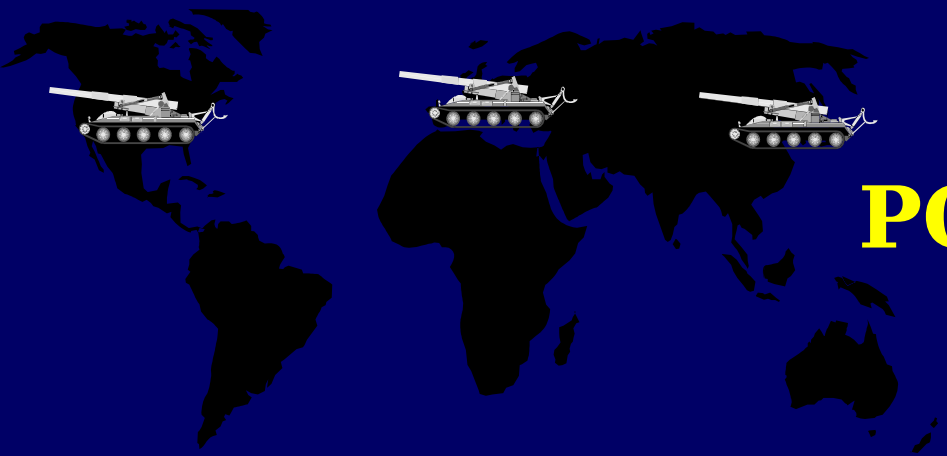
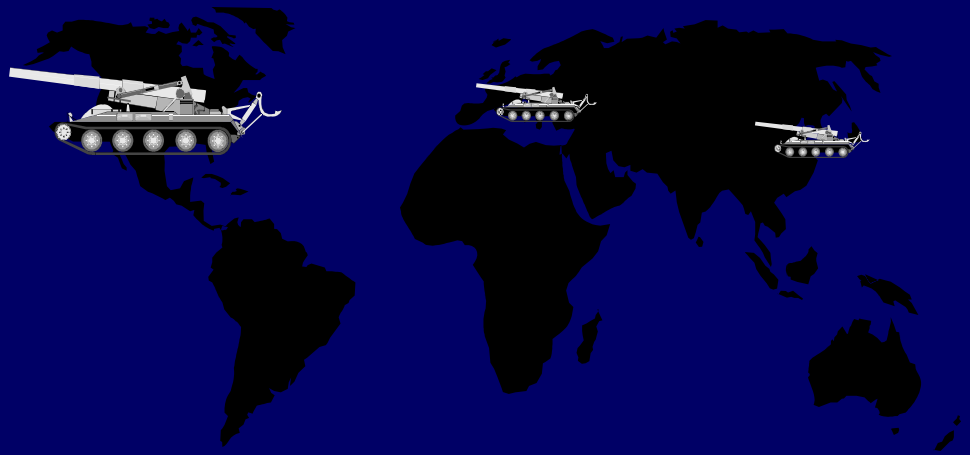


POWER PROJECTION

Forward Deployed ➡ **U.S. Based**



Power Projection Health Implications

- **Unfamiliar/Hostile Environment**
- **Multinational Task Force Alignments**
- **Reduced Military Health Services Footprint**
- **Greater Reliance on Host Nation Support**
- **Short and Long-Term Health Concerns**
- **Environmental Contamination/Degradation**

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Crisis Response & Consequence Man

Real Time Intelligence

August 1998

Supporting Real World Crises!

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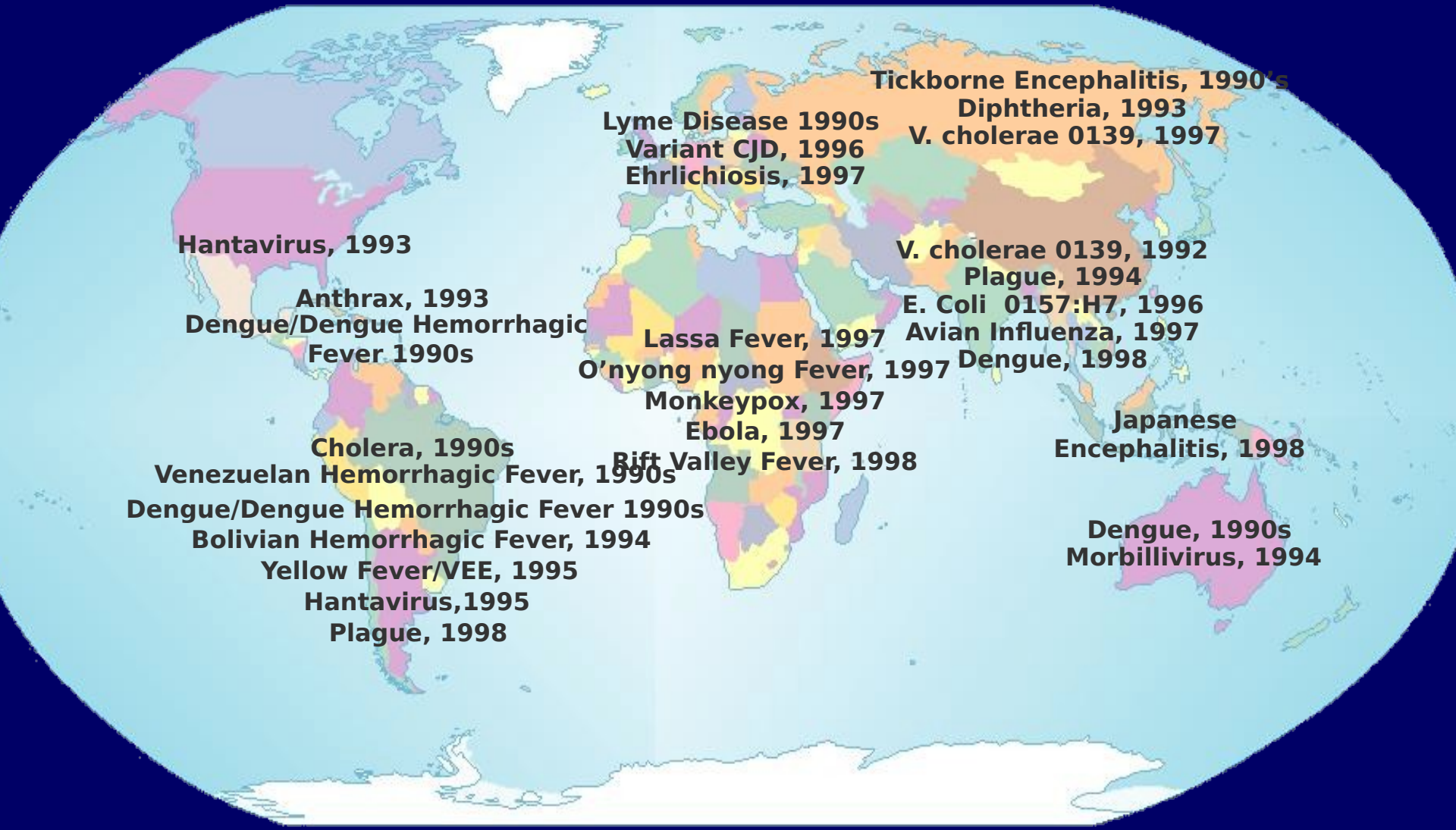
Global Disease Threat



Disease Threat -- Ever Present

MISSION	INTENSITY OF CONFLICT	PROBABILITY OF DEPLOYMENT	FREQUENCY OF BATTLE CASUALTIES	PROBABILITY OF DISEASE *
REGIONAL WARFIGHTING	MODERATE	LOW	HIGH	HIGH
COUNTERDRUG OPERATIONS	LOW	HIGH	LOW	HIGH
PEACEKEEPING	LOW	HIGH	LOW	HIGH
HUMANITARIAN	NONE	HIGH	NONE	HIGH

* WITHOUT PREVENTIVE MEDICINE COUNTERMEASURES

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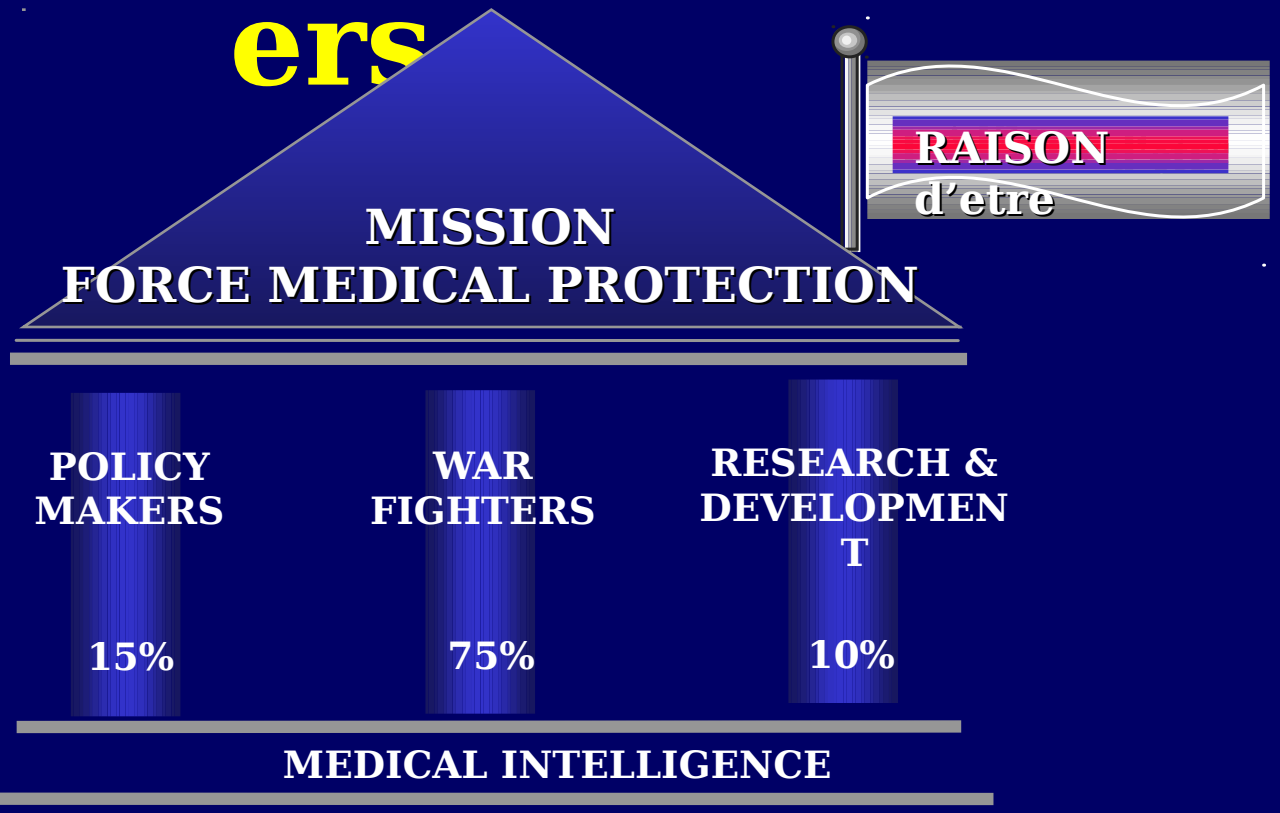
Customers



ALIGN RESOURCES FOR BEST SUPPORT TO CUSTOMERS

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Medical Intelligence Products

MEDICAL CAPABILITIES

Medical Facilities Database
Urban Medical Capabilities Study
Health Services Assessments
Topical Life Science Studies
Pharmaceutical Industry Assessments

DISEASE/ENVIRONMENTAL

Infectious Disease Risk Assessment
Environmental Health Risk Assessment
Disease Occurrence Worldwide
Veterinary Capabilities Study

MULTI-DISCIPLINARY

Targeted Current Topics
Trend Assessments/Estimates
Collaborative Disease/ Countermeasures Projects

Soft Copy
Hard Copy

CD-ROM
Electronic Message

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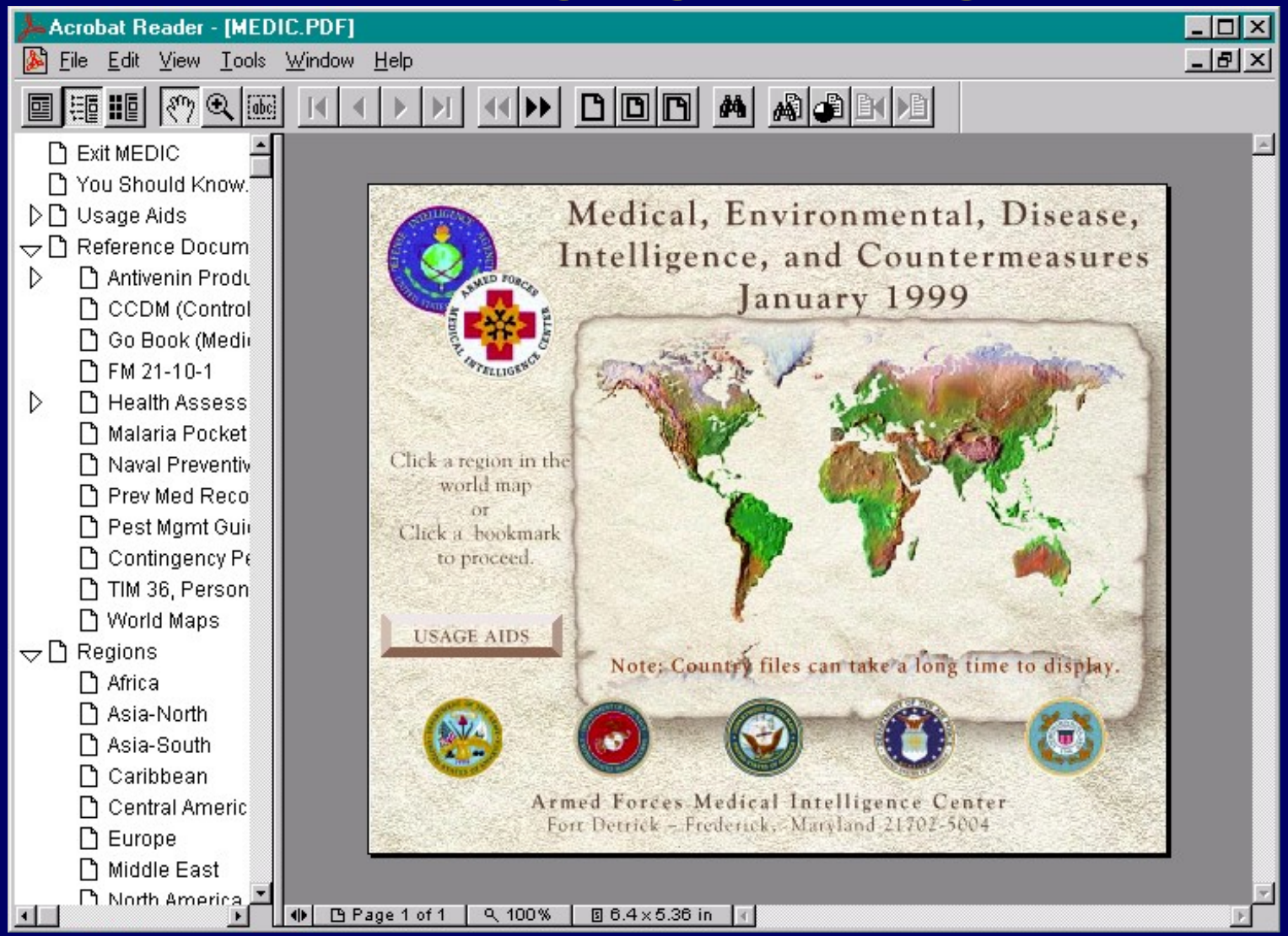
MEDIC CD-ROM



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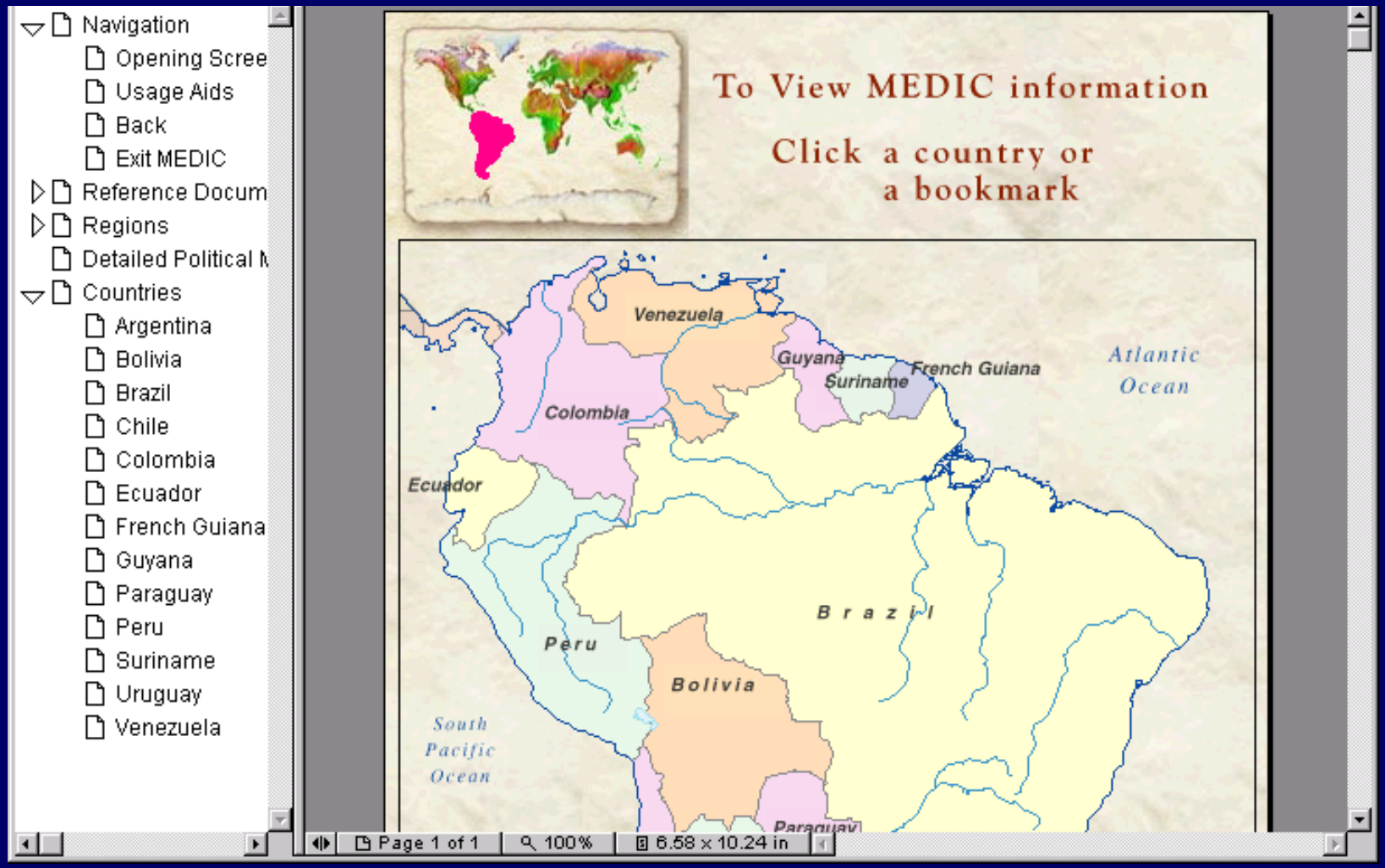
MEDIC CD-ROM



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MEDIC CD-ROM

- Navigation
  - Locator [Map]
  - South America
  - Political [Map]
  - Topographic [M
  - Opening Scree
  - Usage Aids
  - Back
  - Exit MEDIC
- Reference Docum
- Brazil Main TOC
  - Environmental
  - Infectious Dise
  - Preventive Med
  - Disease Vecto
  - Operational Inf
  - Medical Capab

Brazil Contents

- Environmental Health
- Infectious Diseases
- Preventive Medicine Recommendations
- Disease Vector Profile
- Operational Information
- Medical Capabilities
- Locator

Medical, Environmental, and Disease Intelligence, and Countermeasures

Page 1 of 1 | 100% | 6.4 x 5.36 in

Self Help to Med Intel

- Who to ask
- What to request
- What to expect

UNCLASSIFIED

Who to Ask

- **Intelligence/Operations**
- **Global Command & Control System (GCCS)**
  - **Classified**
  - **Collateral version of INTELINK**
  - **http://206.36.138.12/intel/AFMIC.html**

RFI

- **Humanitarian**
- **40 AD, 200 R, 20 (**
- **Recon 15 May, 1 J**
- **NE sector**
- **Port, rail, road, ai**

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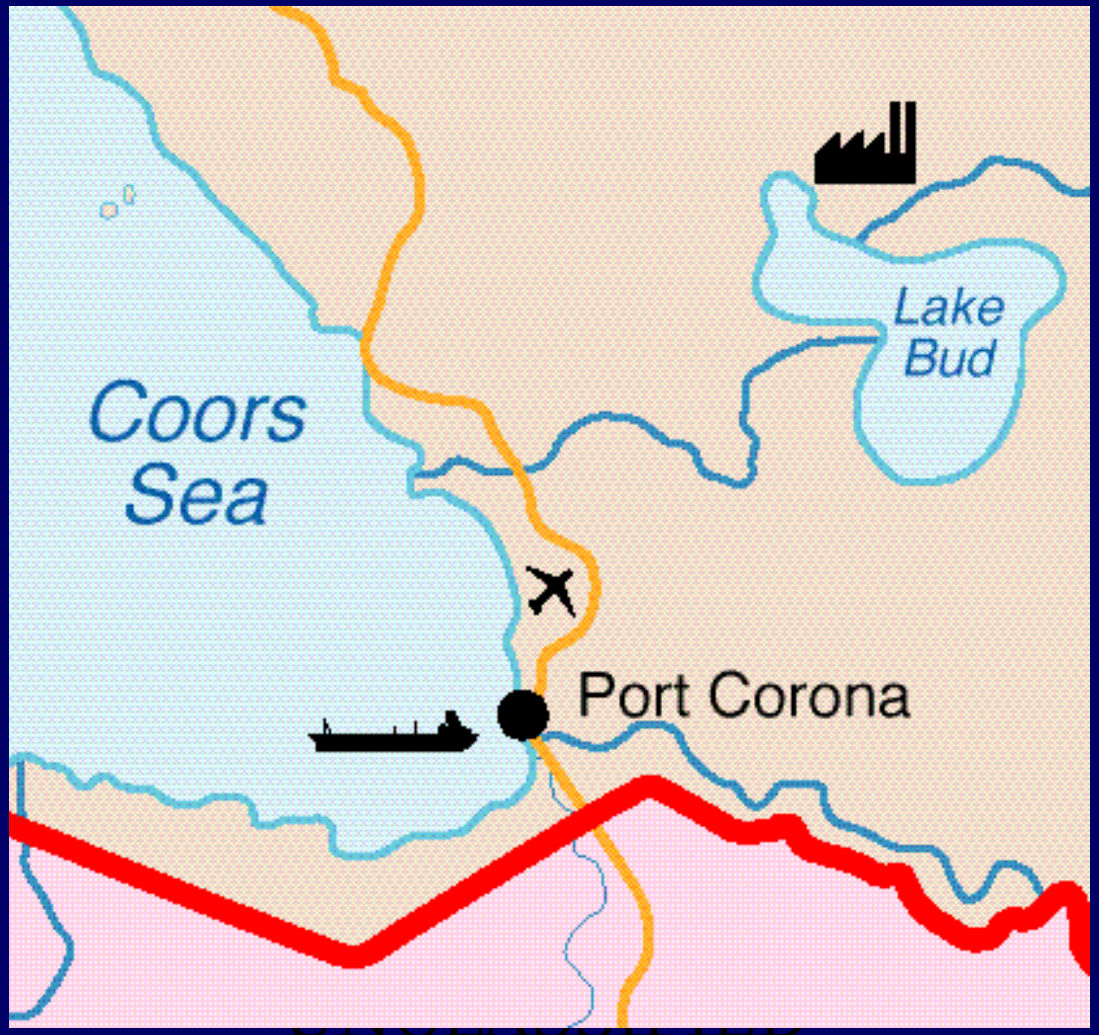
RFI



UNCLASSIFIED

RFI Response

- Infectious Dise
- Env
  - Water
  - Food
- Med Facilities

AAR

- **Keep it legal**
- **No AFMIC checklist**
- **No AFMIC water lab**

Medical Intelligence Makes a Difference …

- **Enhances Medical Planning**
- **Reduces Short- and Long-Term Risk**
- **Conserves Resources**
- **Improves Combat Readines**

Any Questions?